

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093472.D
 Acq On : 9 Mar 2017 12:38
 Operator : SJ/MA
 Sample : I2129-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 13:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

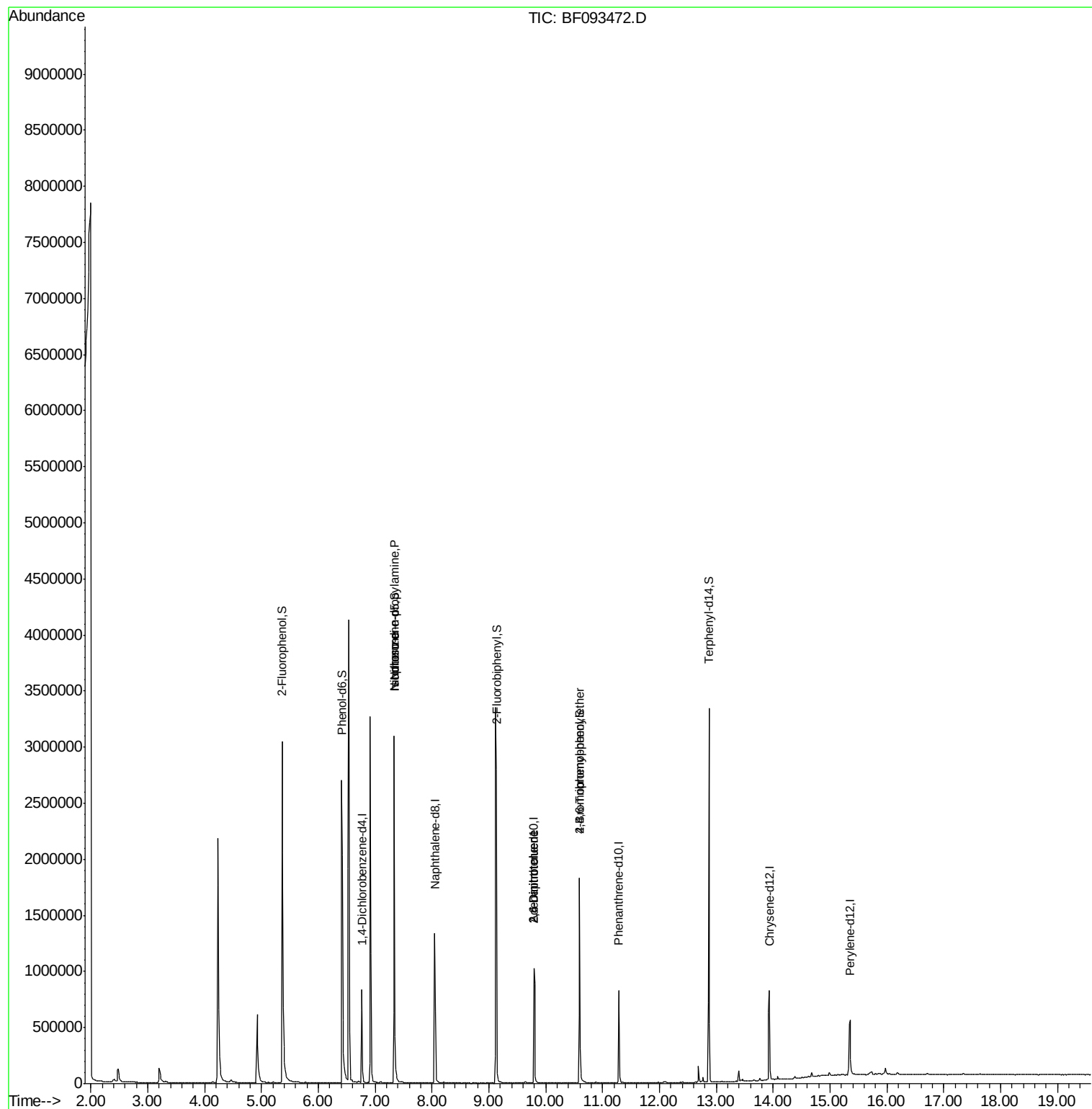
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	176278	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	697681	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	289631	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	441773	20.00	ng	0.00
75) Chrysene-d12	13.93	240	374179	20.00	ng	0.01
86) Perylene-d12	15.35	264	264509	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1261784	119.13	ng	0.01
7) Phenol-d6	6.41	99	1464294	109.63	ng	0.00
23) Nitrobenzene-d5	7.34	82	1025151	81.53	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	212350	112.53	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1551326	99.63	ng	0.00
78) Terphenyl-d14	12.87	244	992893	68.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1793	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	140062	15.25	ng	82
25) Isophorone	7.34	82	1025117	40.43	ng	65
50) 2,6-Dinitrotoluene	9.80	165	36119	8.57	ng	31
56) 2,4-Dinitrotoluene	9.80	165	36121	6.98	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	16207	3.47	ng	1

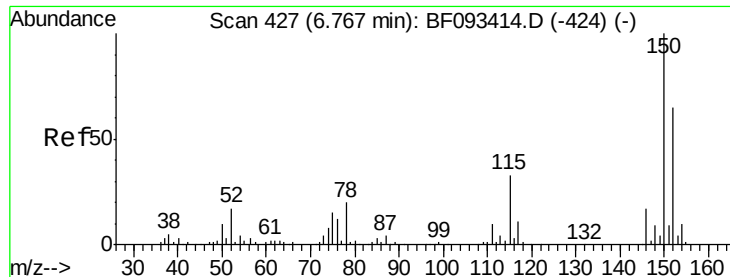
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

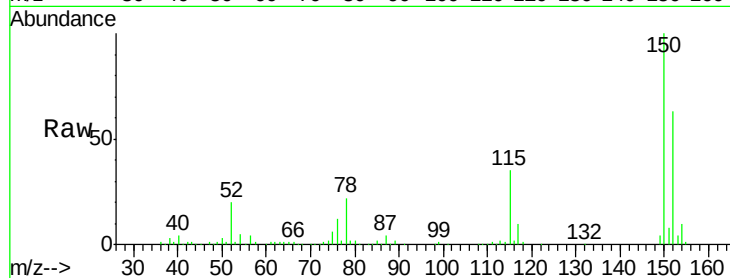
Tot Ion:152 Resp: 176278

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

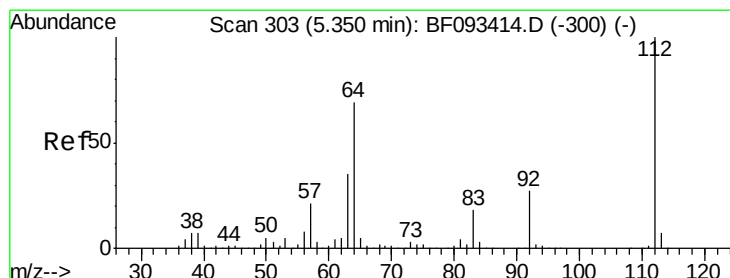
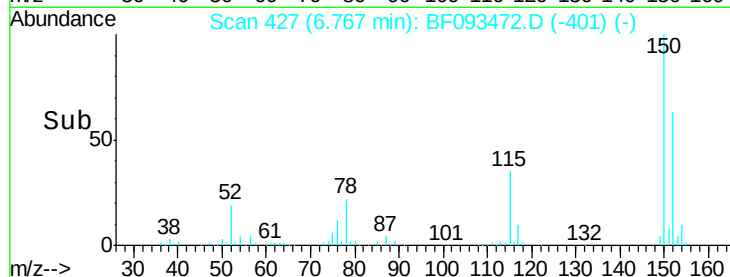
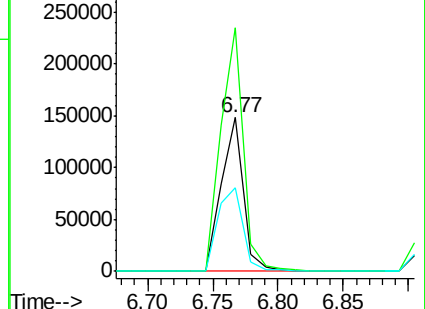
115 54.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 119.13 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

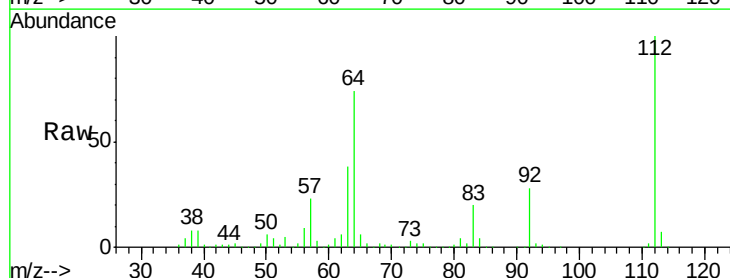
Tgt Ion:112 Resp: 1261784

Ion Ratio Lower Upper

112 100

64 73.8 46.1 69.1#

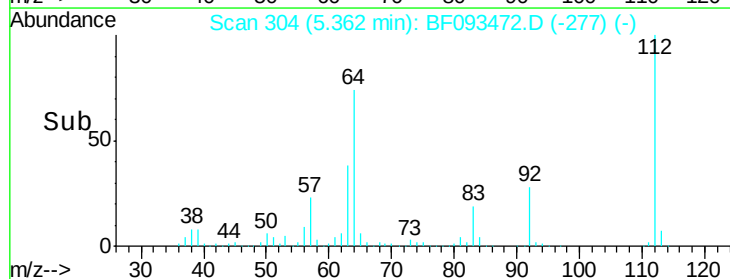
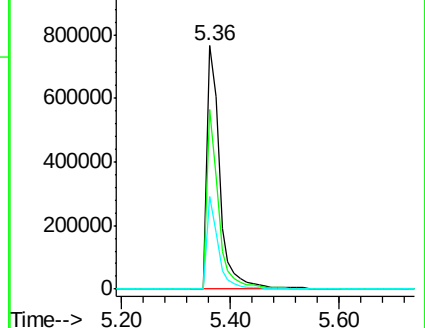
63 37.9 23.8 35.6#

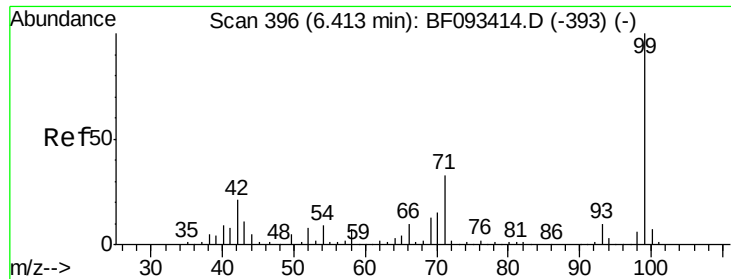


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.63 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

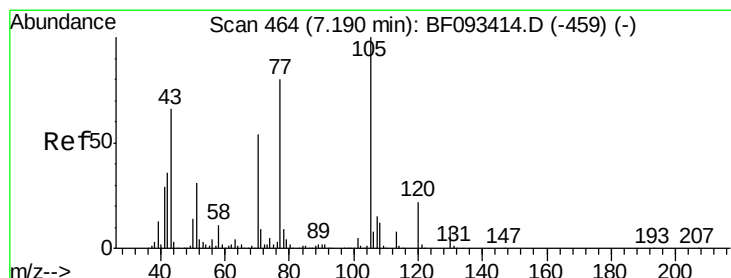
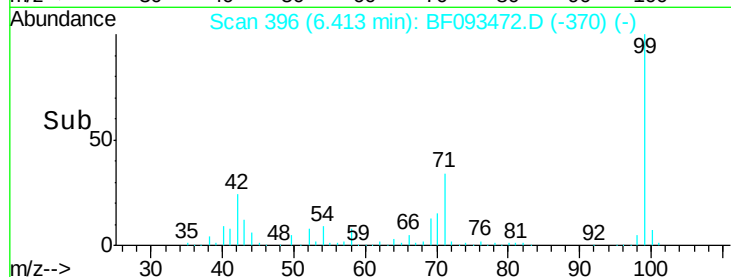
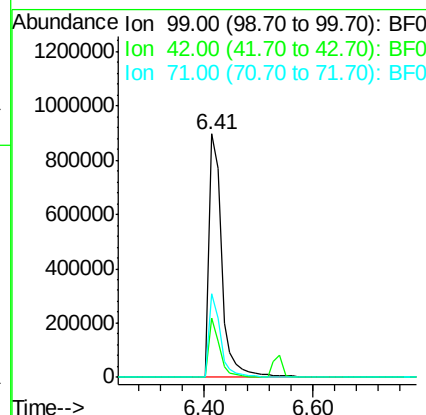
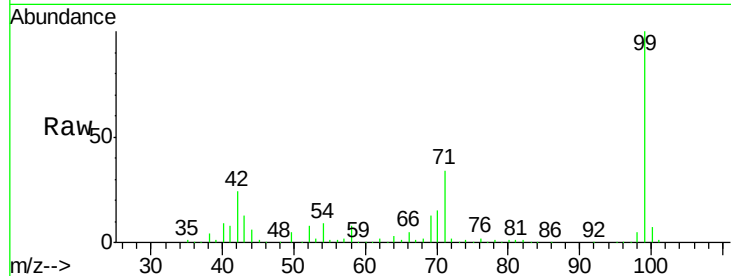
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1464294

Ion	Ratio	Lower	Upper
99	100		
42	24.4	15.6	23.4#
71	34.4	27.5	41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.25 ng

RT: 7.34 min Scan# 477

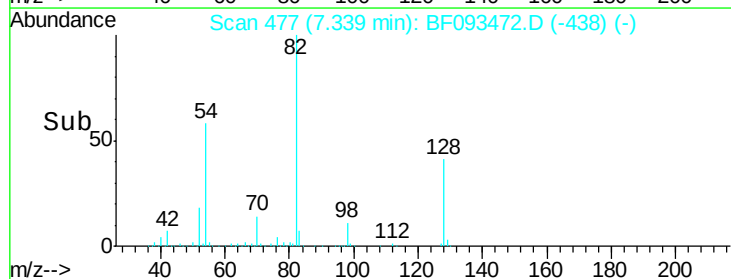
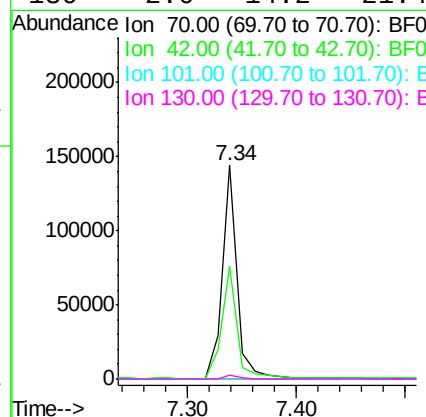
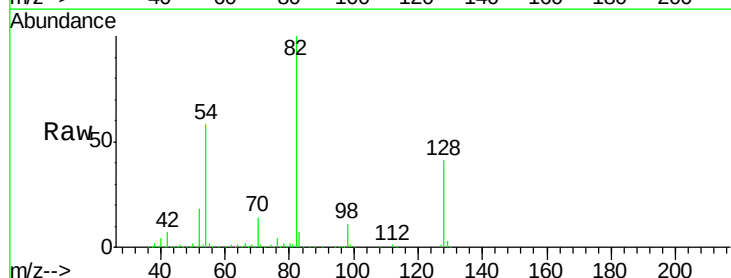
Delta R.T. 0.15 min

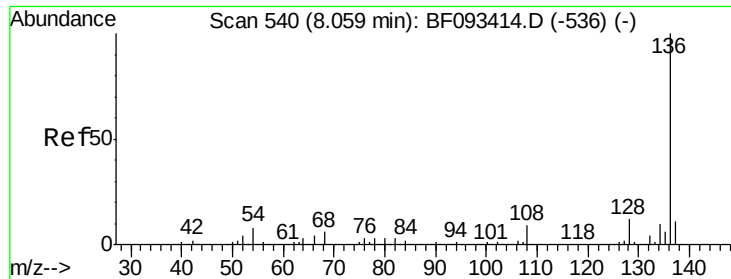
Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Tgt Ion: 70 Resp: 140062

Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

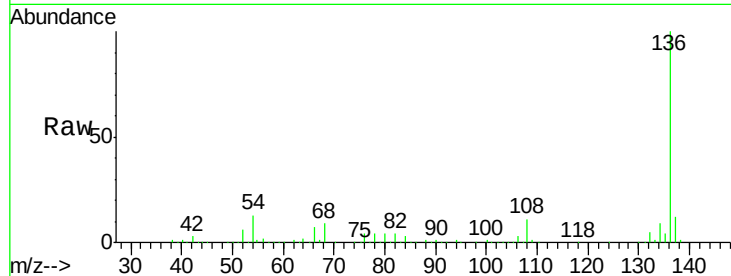




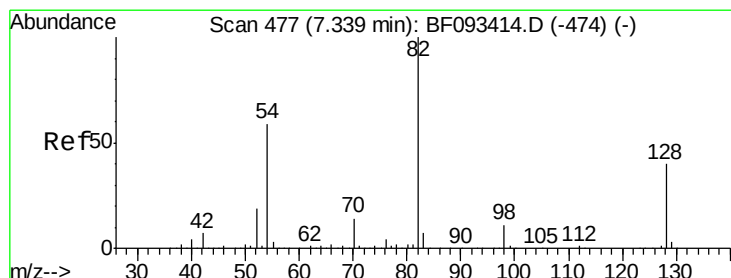
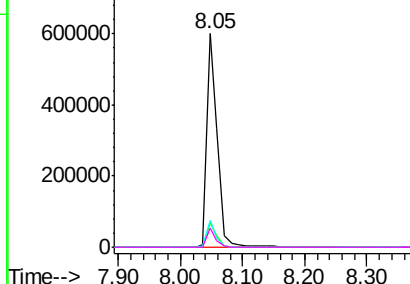
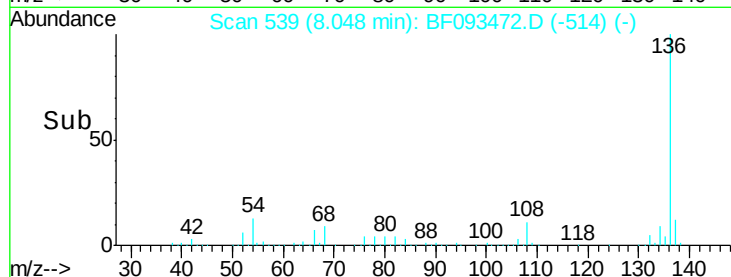
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	697681
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	12.5	4.5	6.7#
68	9.1	3.6	5.4#

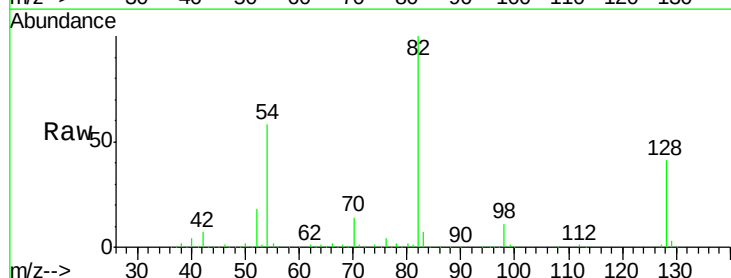


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

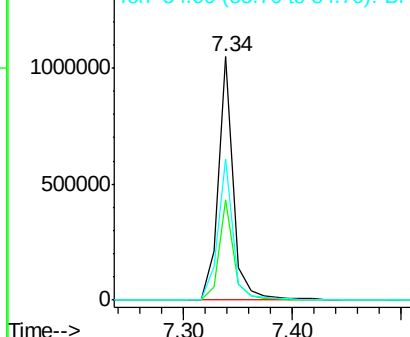
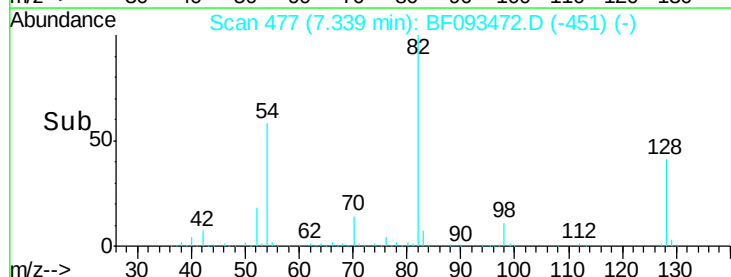


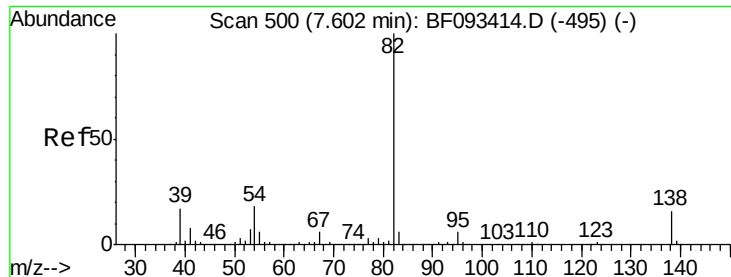
#23
Nitrobenzene-d5
Concen: 81.53 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Tgt Ion:	82	Resp:	1025151
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	57.9	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.43 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Instrument :

BNA_F

ClientSampled :

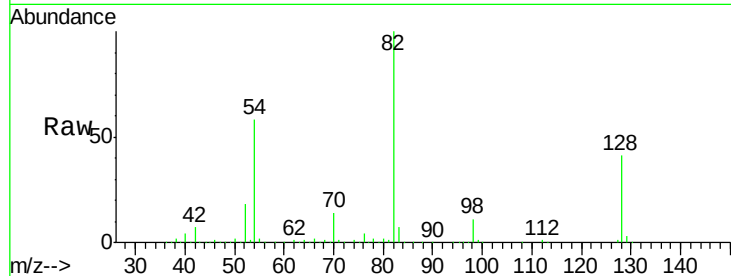
Tot Ion: 82 Resp: 1025117

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

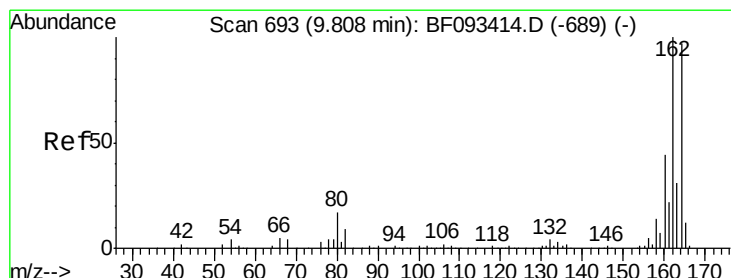
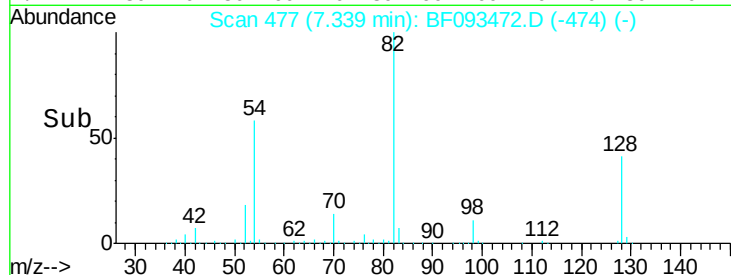
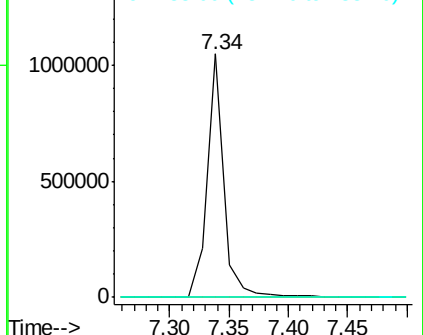
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

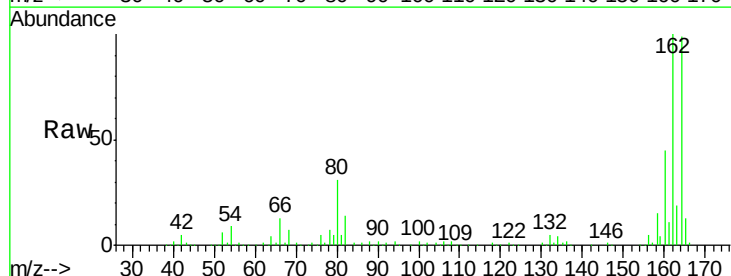
Tgt Ion:164 Resp: 289631

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

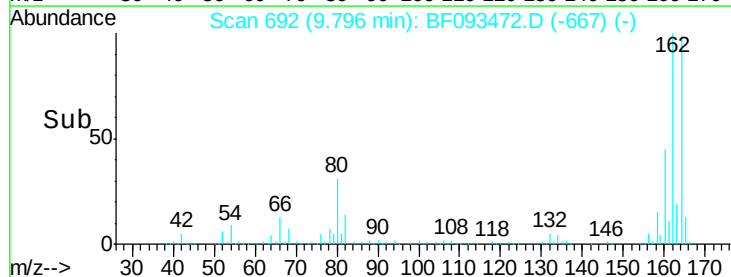
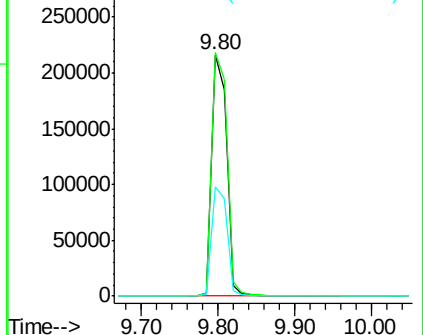
160 45.1 36.9 55.3

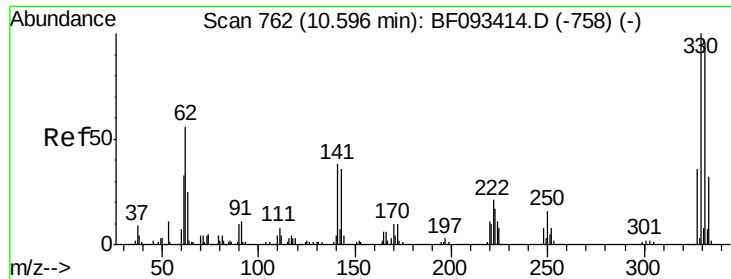


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

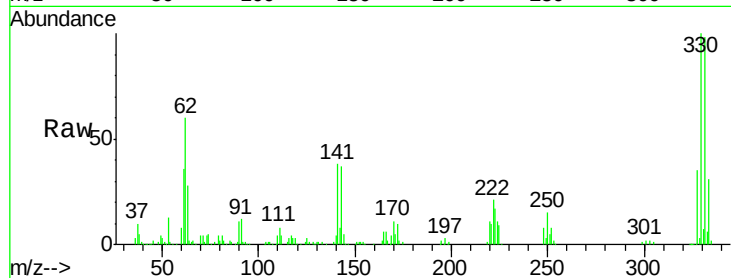




#41
 2,4,6-Tribromophenol
 Concen: 112.53 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093472.D
 Acq: 9 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	42.8	34.1	51.1

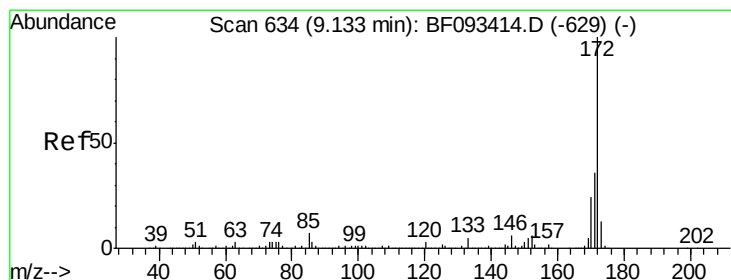
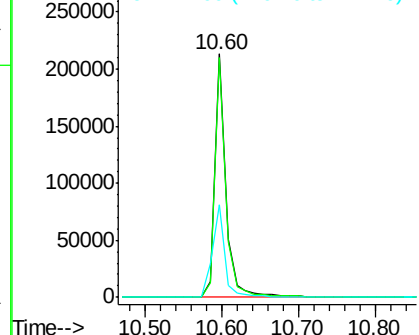
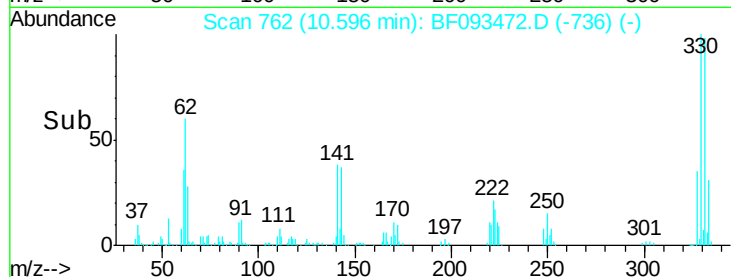


Abundance

Ion 329.80 (329.50 to 330.50): E

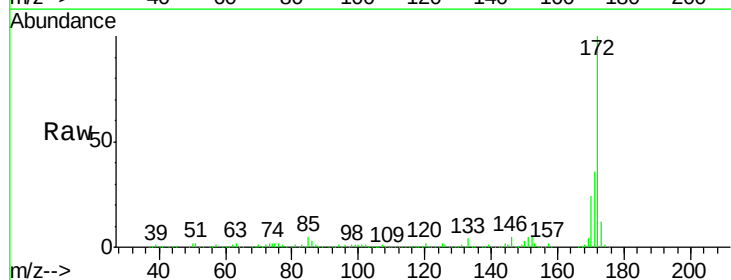
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.63 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093472.D
 Acq: 9 Mar 2017 12:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.2	20.2	30.4

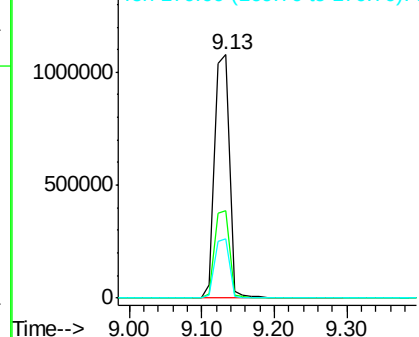
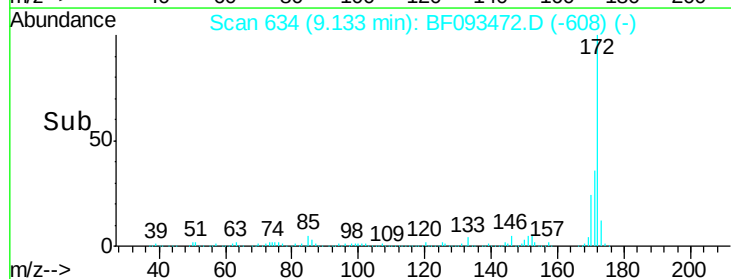


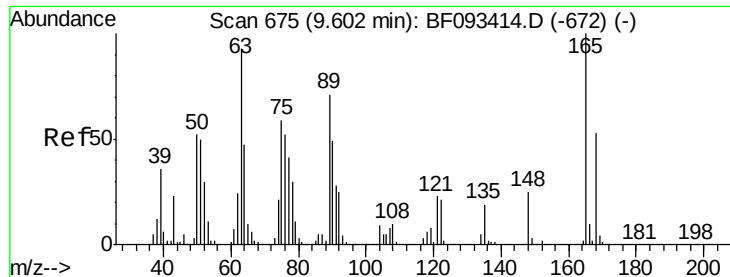
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

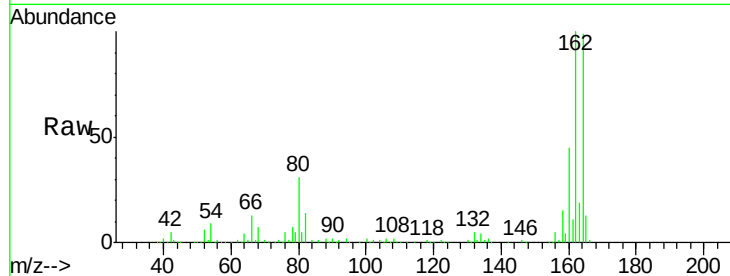




#50
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.19 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :

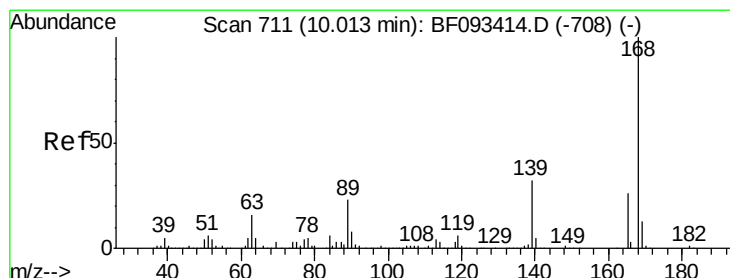
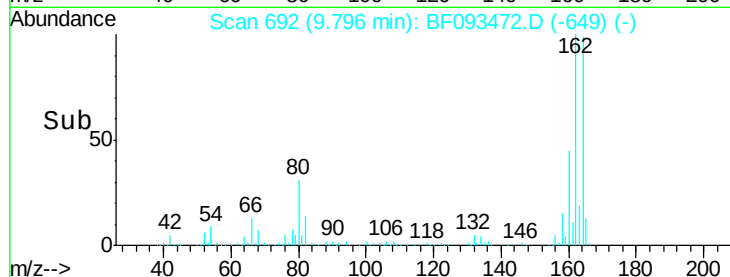
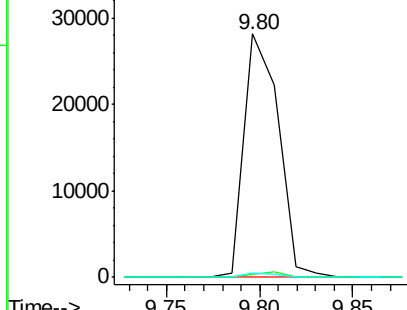
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.5	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

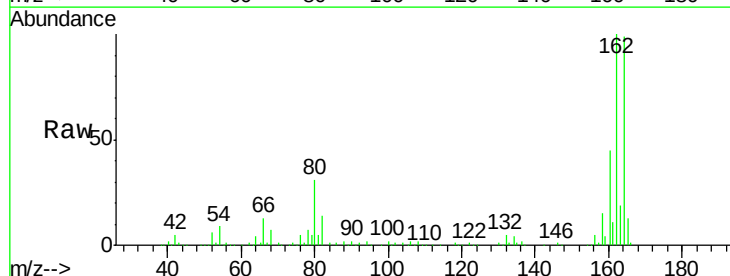
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.22 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#

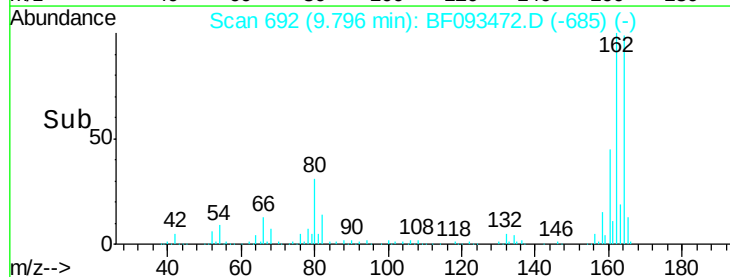
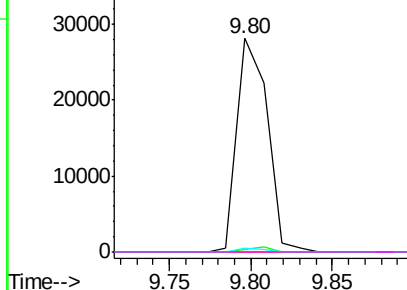


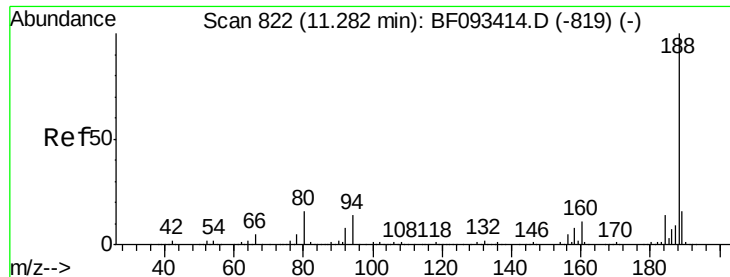
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

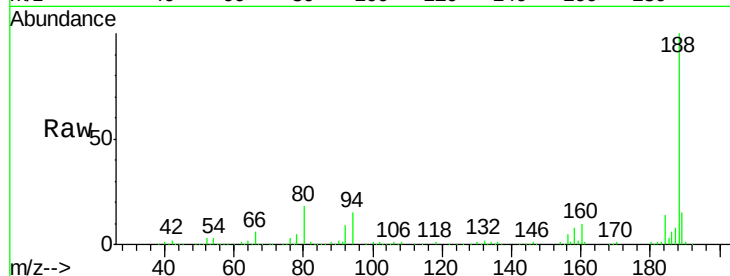




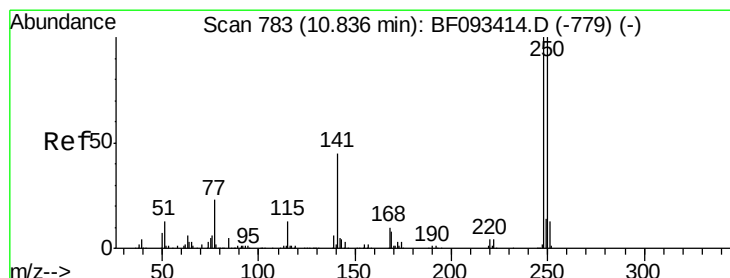
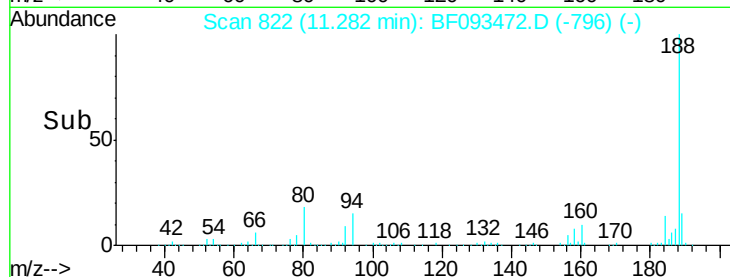
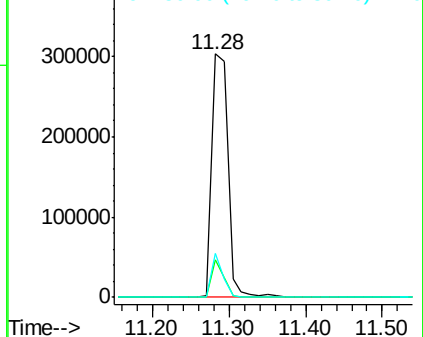
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 441773
Ion Ratio Lower Upper
188 100
94 15.4 10.0 15.0#
80 18.2 11.2 16.8#

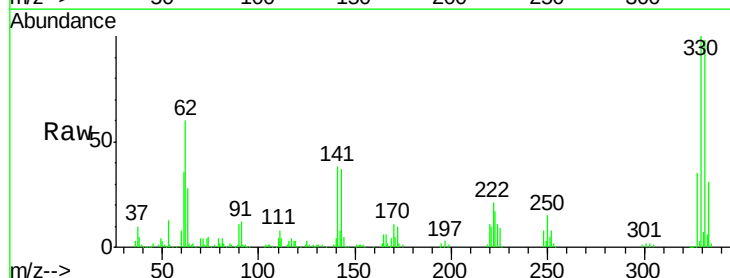


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

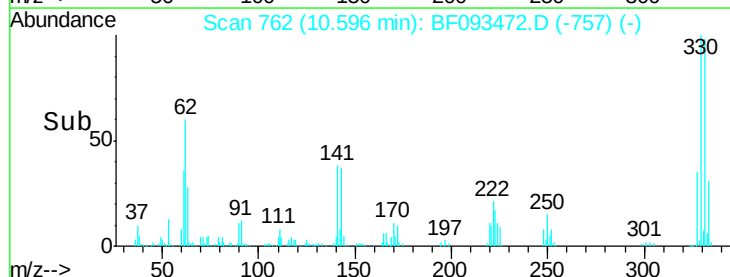
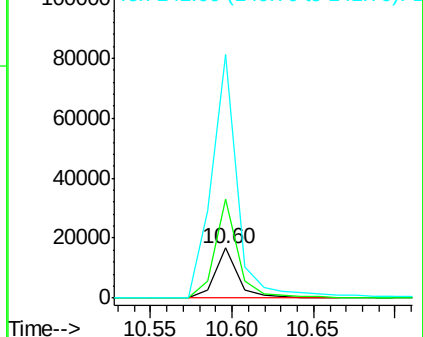


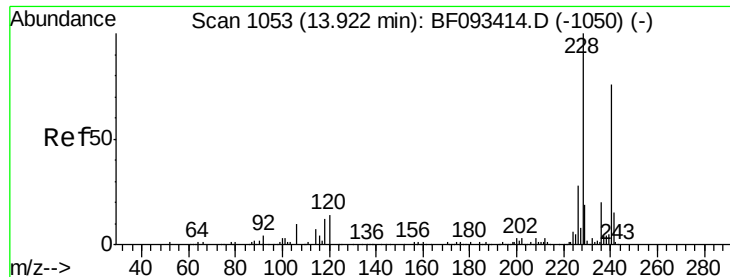
#66
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Tgt Ion:248 Resp: 16207
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 488.9 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

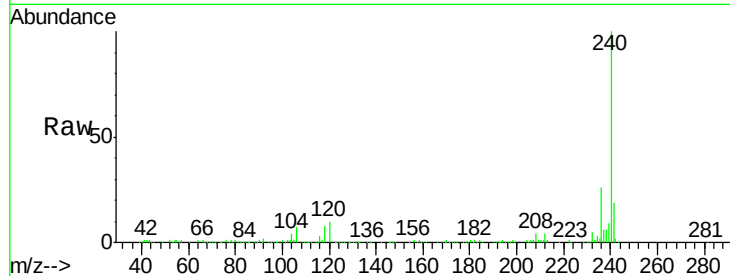
Tot Ion:240 Resp: 374179

Ion Ratio Lower Upper

240 100

120 10.3 12.9 19.3#

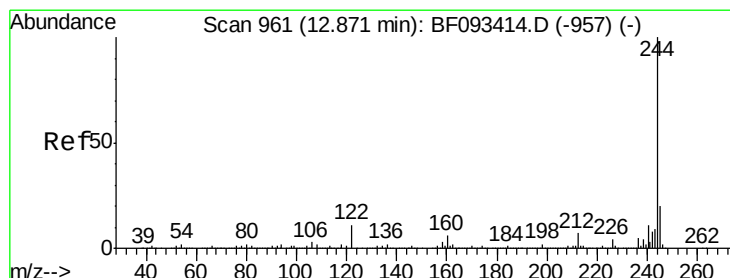
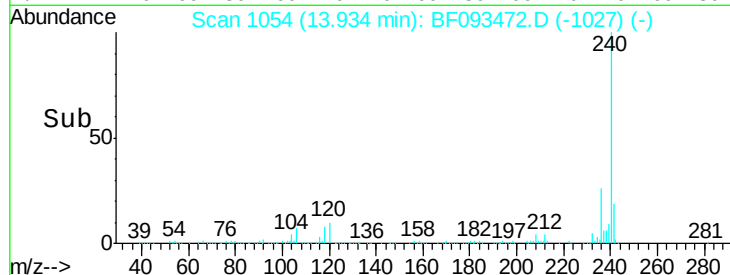
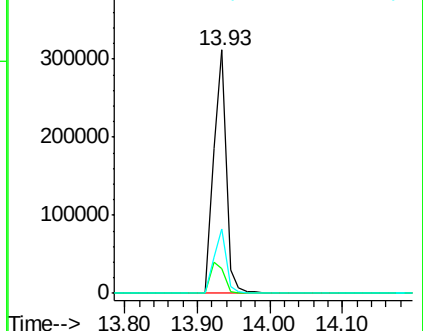
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 68.99 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

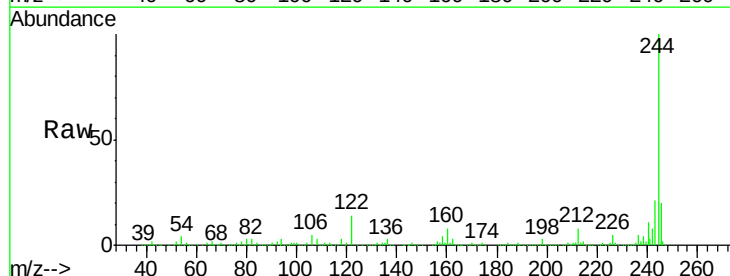
Tgt Ion:244 Resp: 992893

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

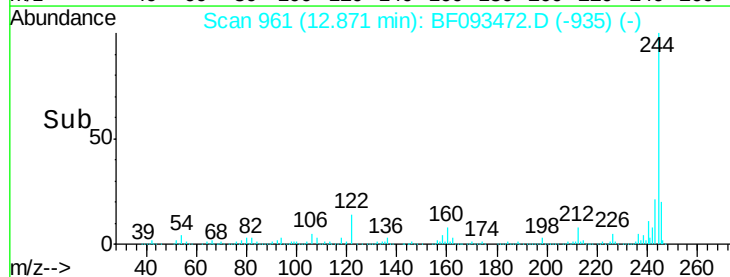
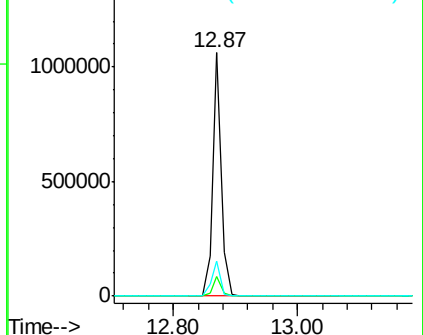
122 14.3 11.4 17.2

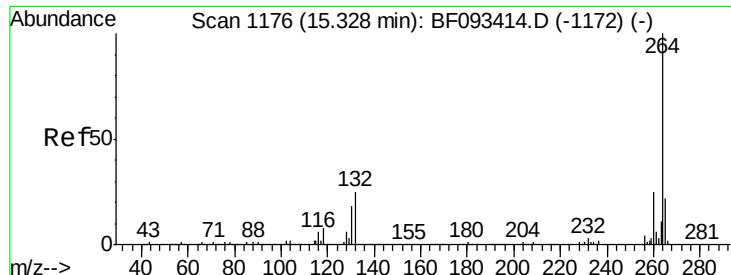


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

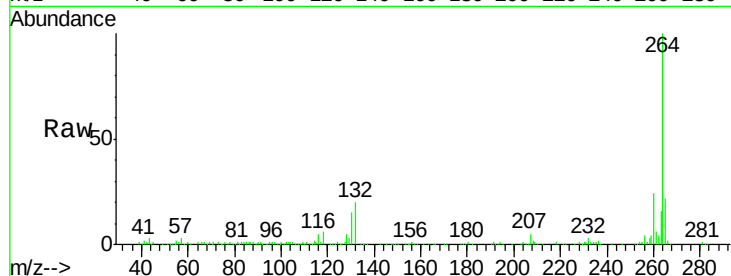




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093472.D
 Acq: 9 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

